Patent
Attorney Docket: 100-002

AMENDMENTS TO THE CLAIMS:

The listing of claims shown below will replace all prior versions, and listings, of claims in the Application:

Claims 1-24 (Cancelled)

Claim 25 (Previously Presented) A method of managing pharmaceutical care of a patient comprising the steps of:

providing drug data for a plurality of drugs in a clinical database, each drug having associated therewith a unique identifier comprising a first order representing a therapeutic class of the drug, a second order representing a therapeutic subclass of the drug, and a third order representing the drug;

providing patient data for a plurality of patients in a patient database, the patient data comprising disease states and allergies for each respective patient;

adding to the patient database data representing a therapy regimen of a patient, the therapy regimen comprising at least one prescribed drug, a frequency per day for each respective prescribed drug, a daily dosage for each respective prescribed drug, a date of last dispensing for each respective prescribed drug, a quantity of drug dispensed for each date of last dispensing for each respective prescribed drug, a quantity of drug remaining for each respective prescribed drug, and a compliance percentage;

generating a plurality of progress reports for a patient, each progress report being generated at a different time;

comparing a progress report with a plurality of monitoring parameters; and

modifying the therapy regimen for a patient based upon the comparison of a progress report for the patient with the plurality of monitoring parameters.

Claim 26 (Previously Presented) The method of claim 25, further comprising:

comparing a first progress report with a second progress report, the first progress report being generated earlier in time than the second progress report; and

modifying the therapy regimen for the patient based upon the comparison of the first and second progress reports.

Claim 27 (Previously Presented) The method of claim 25, wherein each unique identifier comprises a plurality of additional orders corresponding to additional information for the drug.

Claim 28 (Previously Presented) The method of claim 25, wherein each unique identifier is linked to one or more disease states identified by an International Classification of Diseases-9 (ICD9) identifier.

Claim 29 (Previously Presented) The method of claim 25, further comprising documenting pharmacist interventions with the patient, wherein the pharmacist interventions comprise clinical interventions, patient-educational interventions, and patient compliance interventions.

Claim 30 (Previously Presented) The method of claim 25, further comprising constructing a therapy plan for the patient based upon an evaluation of the therapy regimen, the therapy plan comprising at least one medical problem, at least one medical-related goal, at least one course of therapy, and a plurality of monitoring parameters.

Claim 31 (Previously Presented) The method of claim 30, further comprising:

analyzing a plurality of surveys submitted by the patient, wherein each answer in a survey is assigned a numerical value, to derive a plurality of results for each survey;

indexing each survey by date of completion;

graphically displaying the results of the surveys, wherein the plurality of surveys is displayed simultaneously; and

modifying the therapy plan based upon the results of the surveys.

Claim 32 (Previously Presented) The method of claim 25, further comprising the step of producing a printed report comprising information from the patient database.

Claim 33 (Previously Presented) A system for managing pharmaceutical care of patients comprising:

a clinical database comprising drug data entries for a plurality of drugs, each drug data entry having associated therewith a unique identifier, each unique identifier comprising a first order representing a therapeutic class of the drug, a second order representing a therapeutic subclass of the drug, and a third order representing the drug;

a patient database comprising patient data entries for a plurality of patients, each patient data entry comprising a therapy regimen data, a disease state data, and allergy data for each respective patient; and

a program configured to process the drug data entries and the patient data entries, wherein the program retrieves a drug data entry by referring to the unique identifier linked to a drug.

Claim 34 (Previously Presented) The system of claim 33, wherein the program further constructs, tracks and modifies a therapy plan for a patient based upon an evaluation of the therapy regimen data for the patient and the disease state data for the patient.

Claim 35 (Previously Presented) The system of claim 33, wherein each unique identifier comprises a plurality of additional orders representing additional classifications of the drug.

Claim 36 (Previously Presented) The system of claim 33, wherein each unique identifier is linked to one or more disease states identified by an International Classification of Diseases-9 (ICD9) identifier.

Claim 37 (Previously Presented) The system of claim 33, wherein each unique identifier comprises a plurality of characters, the plurality of characters having a first set of characters corresponding to the first order, a second set of characters corresponding to the second order, and a third set of characters corresponding to the third order.

Claim 38 (Previously Presented) The system of claim 37, wherein each unique identifier comprises at least eight characters.

Claim 39 (Previously Presented) The system of claim 33, further comprising an integrated database, wherein the clinical database and patient database are maintained within the integrated database.

Claim 40 (Previously Presented) The system of claim 33, wherein each therapeutic class of a drug identifies indications, contraindications, recommended dosages, adverse reactions, and drug-drug interactions for the drug.

Claim 41 (Previously Presented) The system of claim 33, wherein each therapeutic class comprises therapeutically-related drugs usable for comparable indications.

Claim 42 (Previously Presented) The system of claim 33, wherein the therapy regimen data comprises a compliance percentage for a drug, the compliance percentage calculated using the equation: Compliance Percentage = ((Quantity Dispensed - Quantity Remaining) * 100) / ((Unit Dose * Frequency Per Day) * (Evaluation Date - Date of Last Dispensing)).

Claim 43 (Previously Presented) A method of managing pharmaceutical care of a patient comprising:

prior to the following steps, storing in a clinical database, for each of a plurality of drugs, a list of indications and contraindications for each drug, wherein each drug is linked

to the indications and contraindications for that drug via a unique identifier comprising a first order representing a therapeutic class of the drug, a second order representing a therapeutic subclass of the drug, and a third order representing the drug;

storing in a patient database, for each of a plurality of patients, one or more disease states, a therapy regimen, and known allergies;

comparing the therapy regimen of a patient with the disease state of the patient to evaluate the relationship of the therapy regimen and the disease state of the patient; and

constructing a therapy plan for the patient based upon the evaluation, the therapy plan comprising at least one medical problem, at least one medical-related goal, at least one course of therapy, and a plurality of monitoring parameters.

Claim 44 (Previously Presented) The method of claim 43, wherein the therapy regimen comprises at least one prescribed drug, a frequency per day for each respective prescribed drug, a daily dosage for each respective prescribed drug, a date of last dispensing for each respective prescribed drug, a quantity of drug dispensed for each date of last dispensing for each respective prescribed drug, a quantity of drug remaining for each respective prescribed drug, and a compliance percentage.

Claim 45 (Previously Presented) The method of claim 44, wherein the compliance percentage is calculated using the equation: Compliance Percentage = ((Quantity Dispensed - Quantity Remaining) * 100) / ((Unit Dose * Frequency Per Day) * (Evaluation Date - Date of Last Dispensing)).

Claim 46 (Previously Presented) The method of claim 44, wherein each therapeutic class comprises therapeutically-related drugs usable for comparable indications, and the method further comprises:

comparing a prescribed drug in the therapy regimen with other prescribed drugs to identify prescribed drugs belonging to the same therapeutic class; and

notifying a user if more than one prescribed drug in the same therapeutic class is present in the therapeutic regimen.

Claim 47 (Previously Presented) The method of claim 43, wherein the clinical database further comprises recommended dosages, adverse reactions, and drug-drug interactions for each drug, wherein the recommended dosages, adverse reactions, and drug-drug interactions are linked to each drug by the unique identifier.

Claim 48 (Previously Presented) The method of claim 43, further comprising retrieving the indications and contraindications for a drug by reference to the unique identifier linked to that drug.

Claim 49 (New) A method of managing the pharmaceutical care of a patient using one or more software-accessible databases comprising the steps of:

updating a patient database with a drug therapy regimen for the patient, the drug therapy regimen comprising an identification of each drug prescribed to the patient, a frequency per day for each drug, and a daily dosage for each drug;

updating the patient database with patient data, the patient data comprising any

disease states and allergies for the patient;

querying a clinical database with the drug therapy regimen and patient data;

generating a report based on the querying step, the report identifying the following information for each patient:

(a) any allergies the patient has for any of the prescribed drugs;

(b) any drug-drug interactions for any of the prescribed drugs;

(c) any dosage irregularities;

(d) any drug-disease contraindications;

(e) any therapeutic duplications;

(f) any drug in the drug therapy regimen without a medical indication;

(g) any adverse drug reactions; and

(h) any untreated disease states.

Claim 50 (New) The method according to claim 49, wherein the report identifies the following additional information for each patient:

(i) information regarding use or efficacy of any of the prescribed drugs; and

(j) information regarding patient compliance.

Claim 51 (New) The method according to claim 49, wherein the report identifies the following additional information for each patient:

(k) information regarding an assessment of the educational needs of the patient; and

(l) information regarding the financial circumstances of the patient.

Claim 52 (New) The method according to claim 49, wherein the drug therapy regimen for the patient comprises a plurality of drugs prescribed by more than one physician.

Claim 53 (New) The method according to claim 49, further comprising the step of modifying the drug therapy regimen based on the report.